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Title: NEURAL NETWORK PATTERN RECOGNITION FOR PREDICTING PHARMACODYNAMICS USING PATIENT  
CHARACTERISTICS

Inventors: URQUIDI-MACDONALD et al.  
Atty Docket No.: 402869  
Leydig, Voit & Mayer 202-737-6770

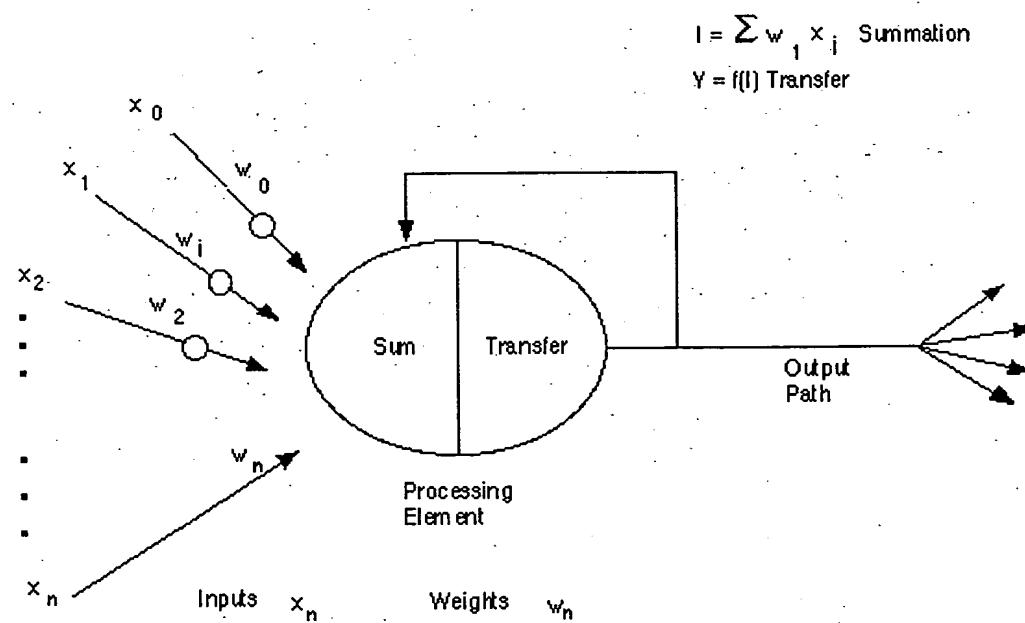


FIGURE 1

Title: NEURAL NETWORK PATTERN RECOGNITION FOR PREDICTING PHARMACODYNAMICS USING PATIENT CHARACTERISTICS  
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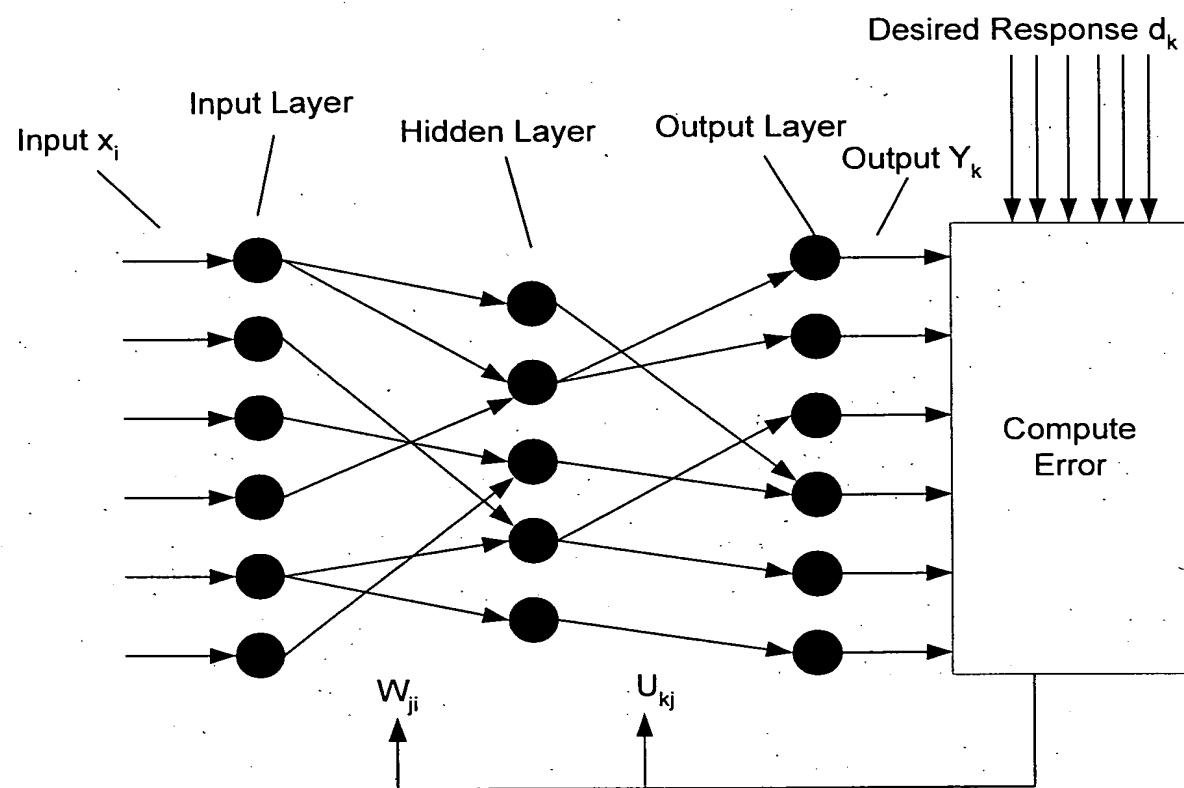


FIGURE 2

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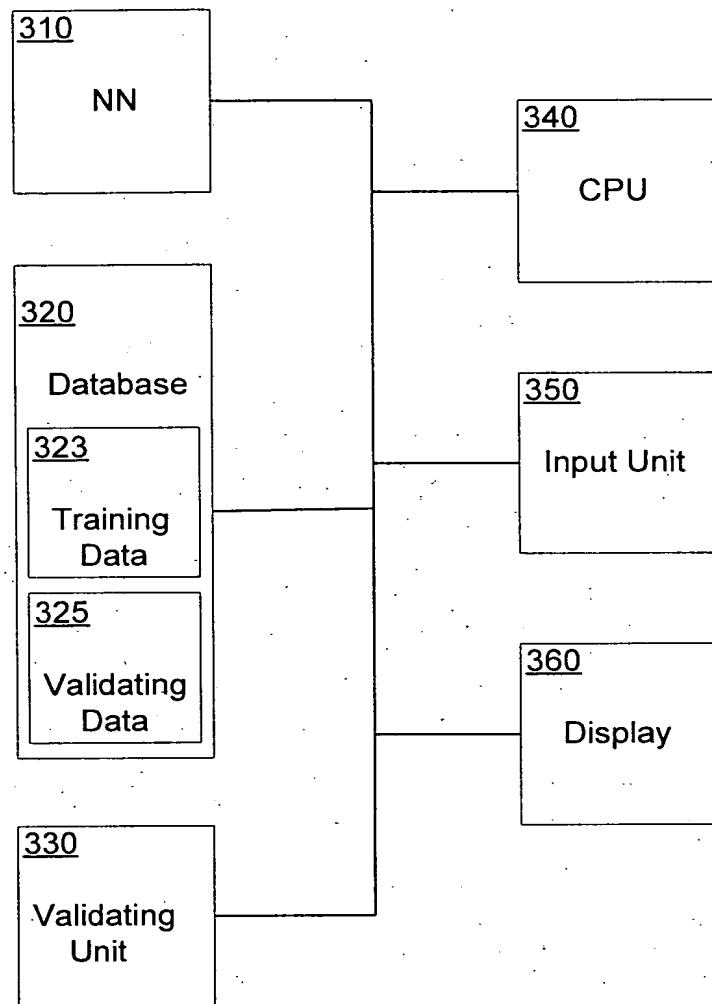


FIGURE 3

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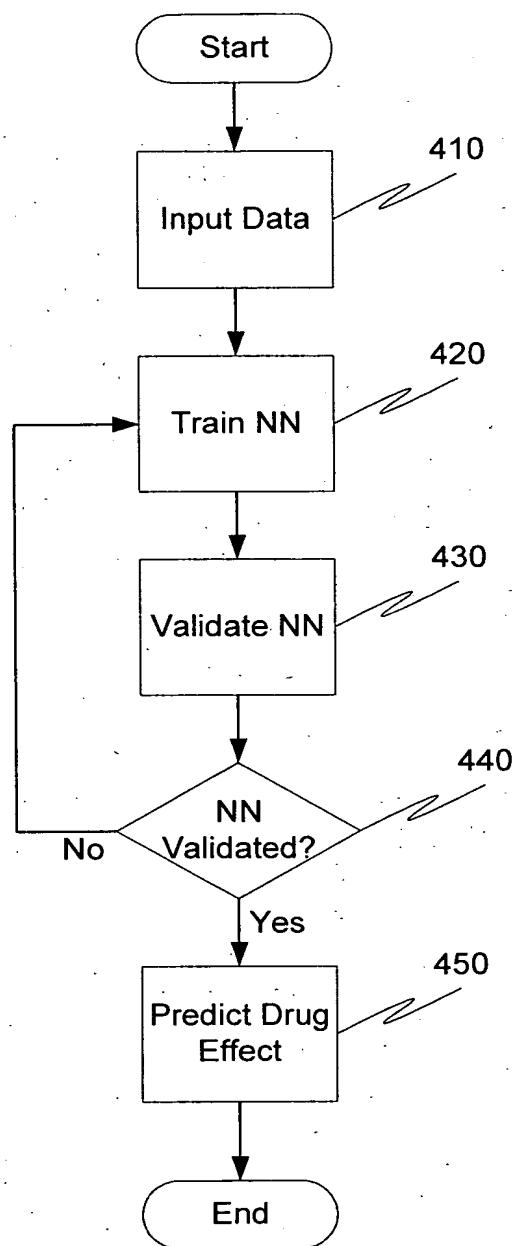


FIGURE 4

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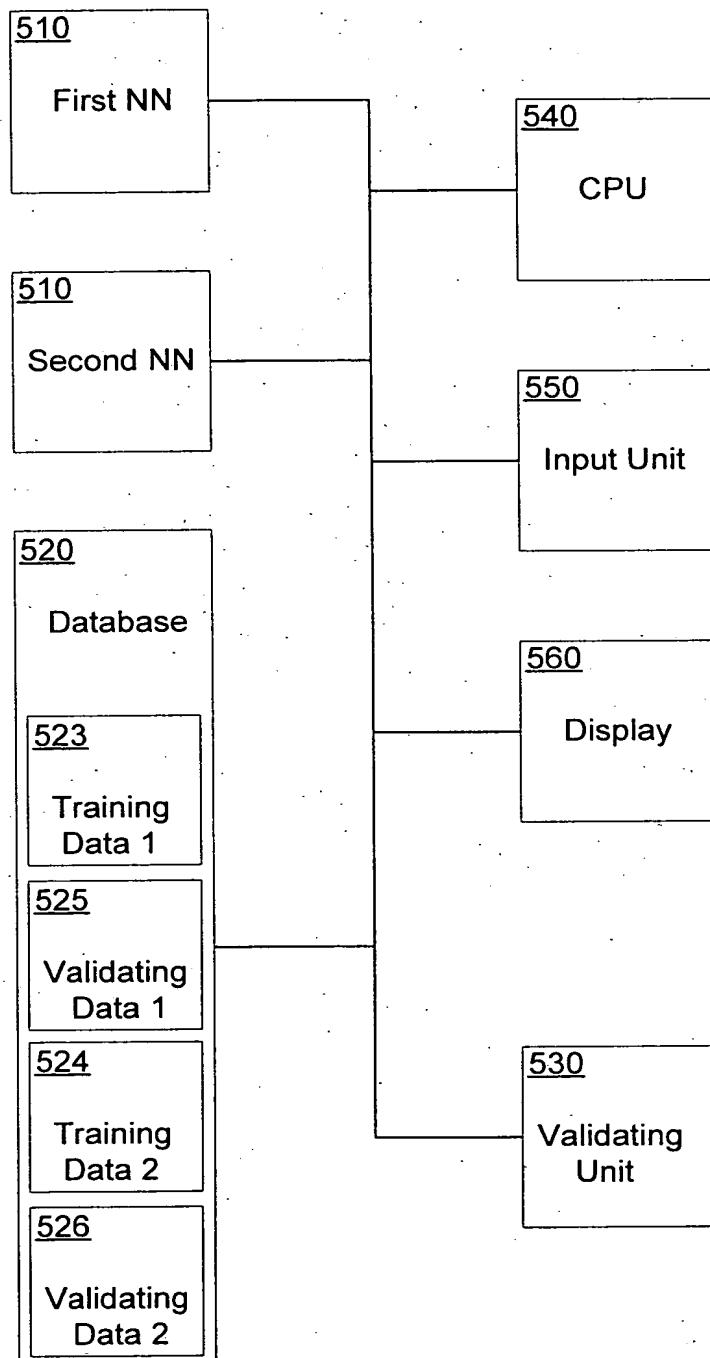


FIGURE 5

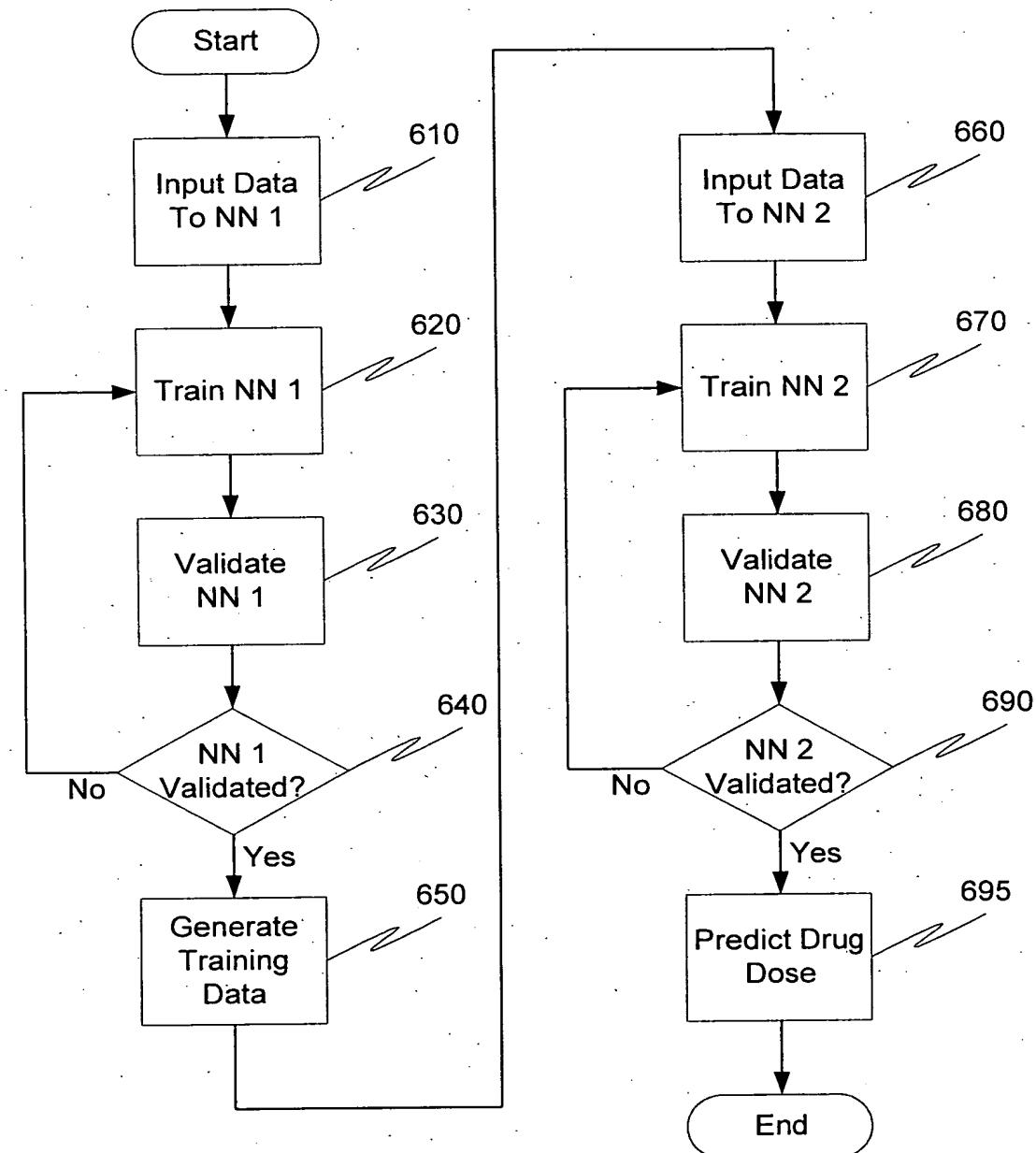


FIGURE 6

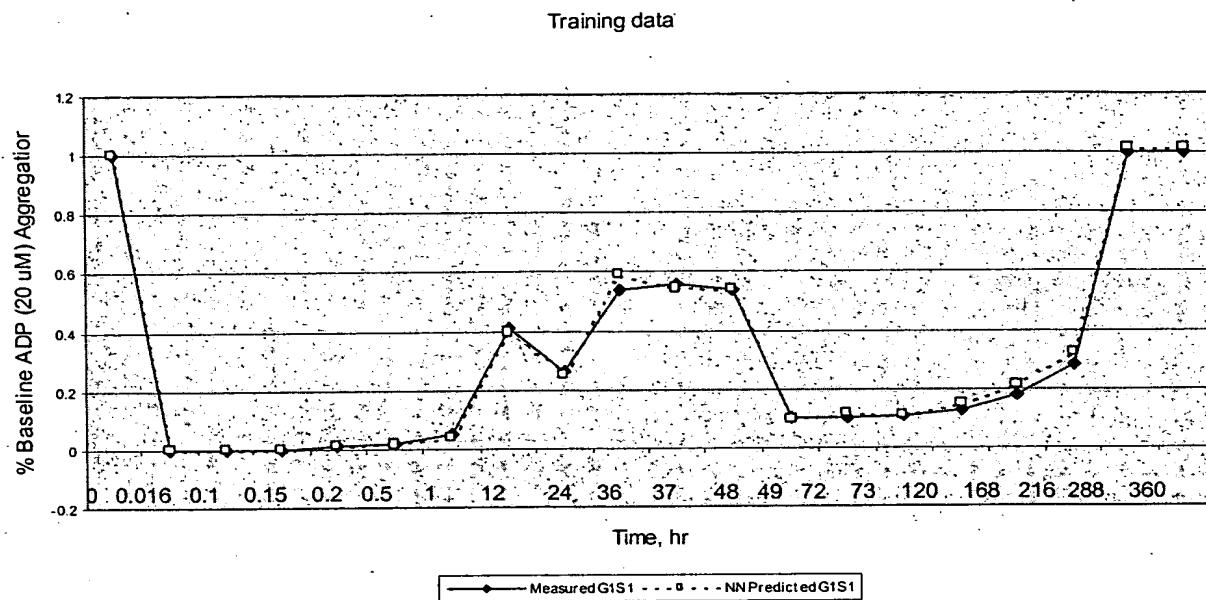


FIGURE 7

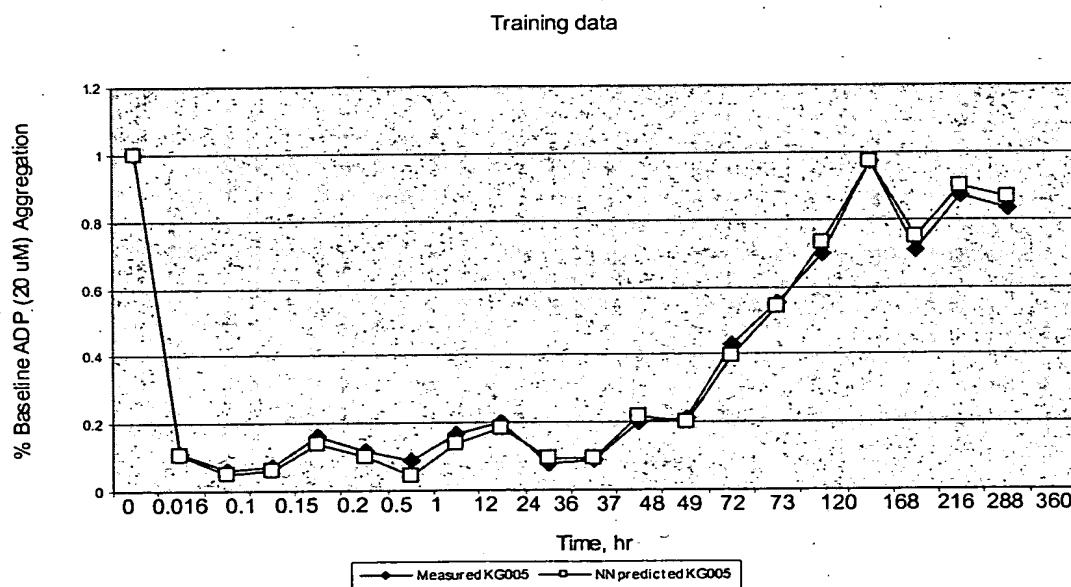


FIGURE 8

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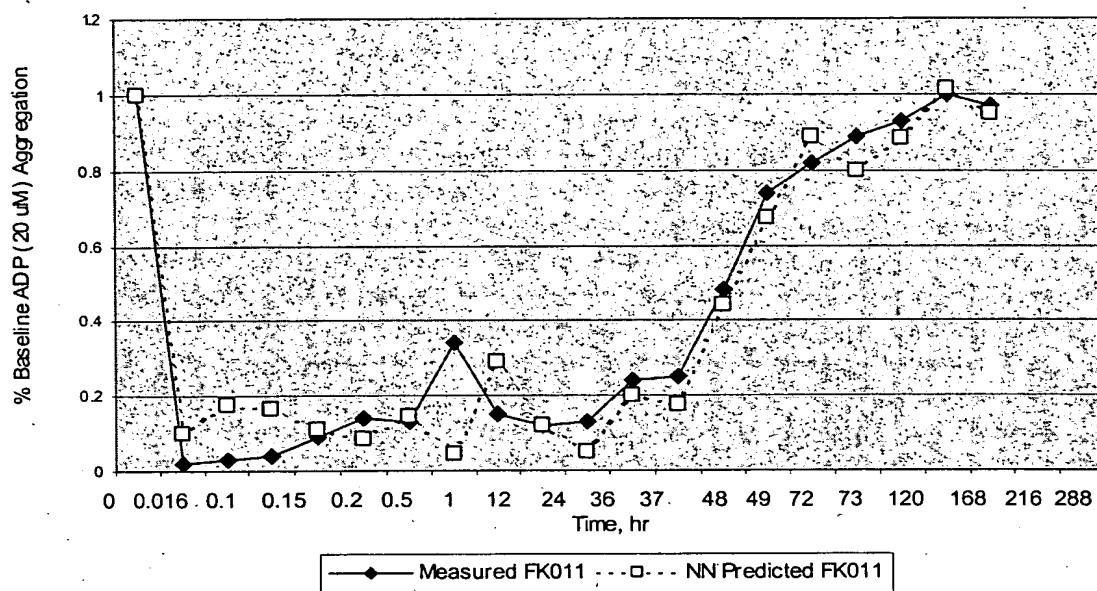


FIGURE 9

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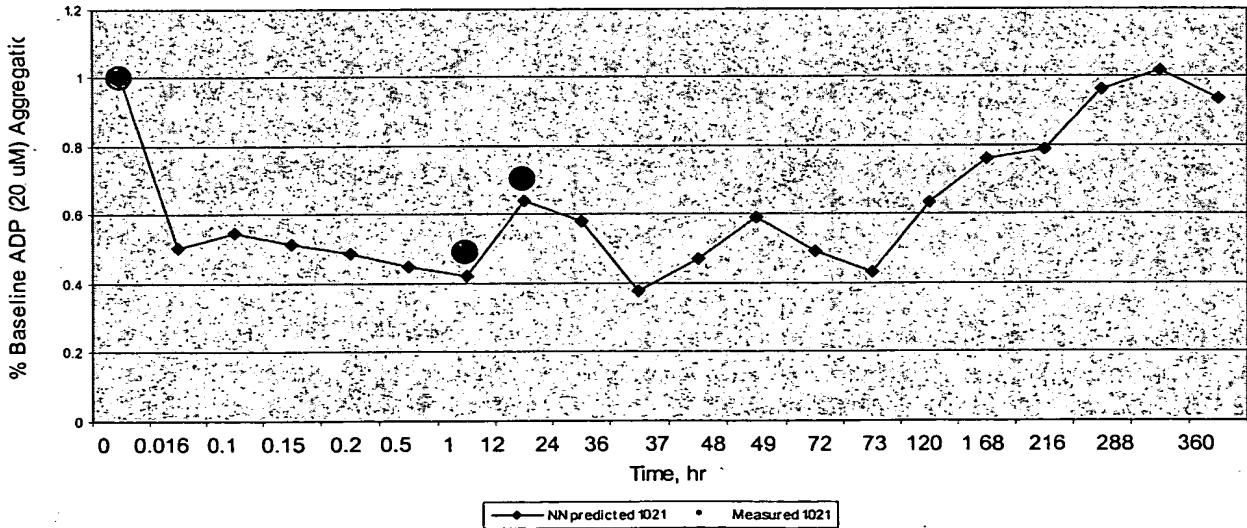


FIGURE 10

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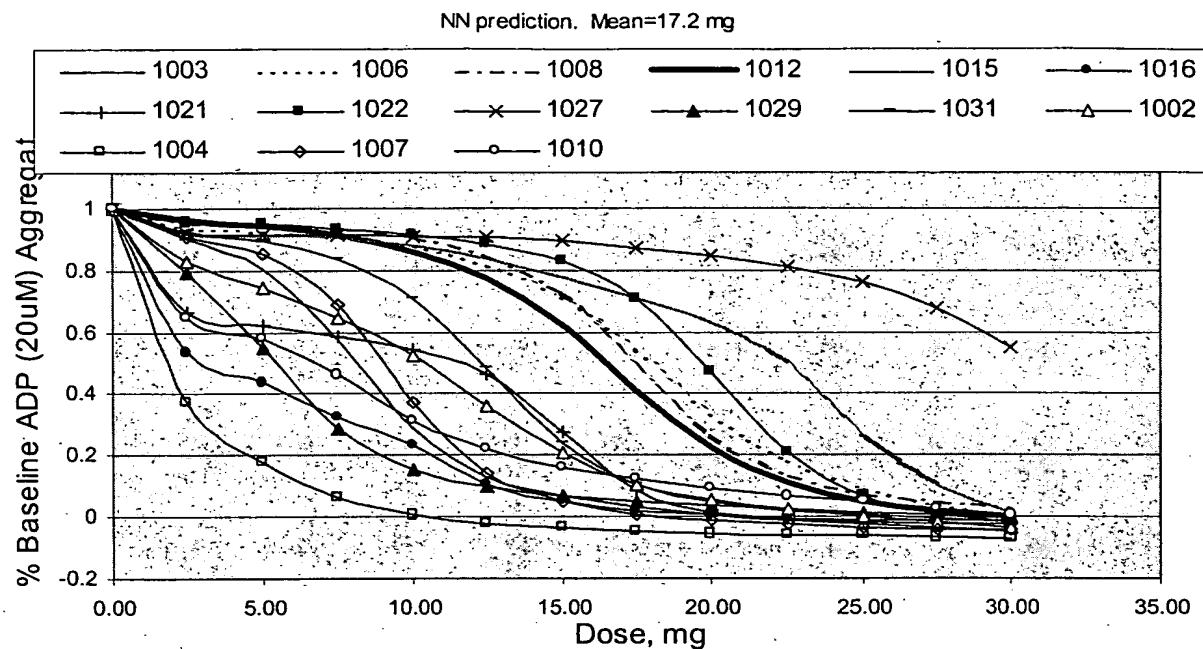


FIGURE 11

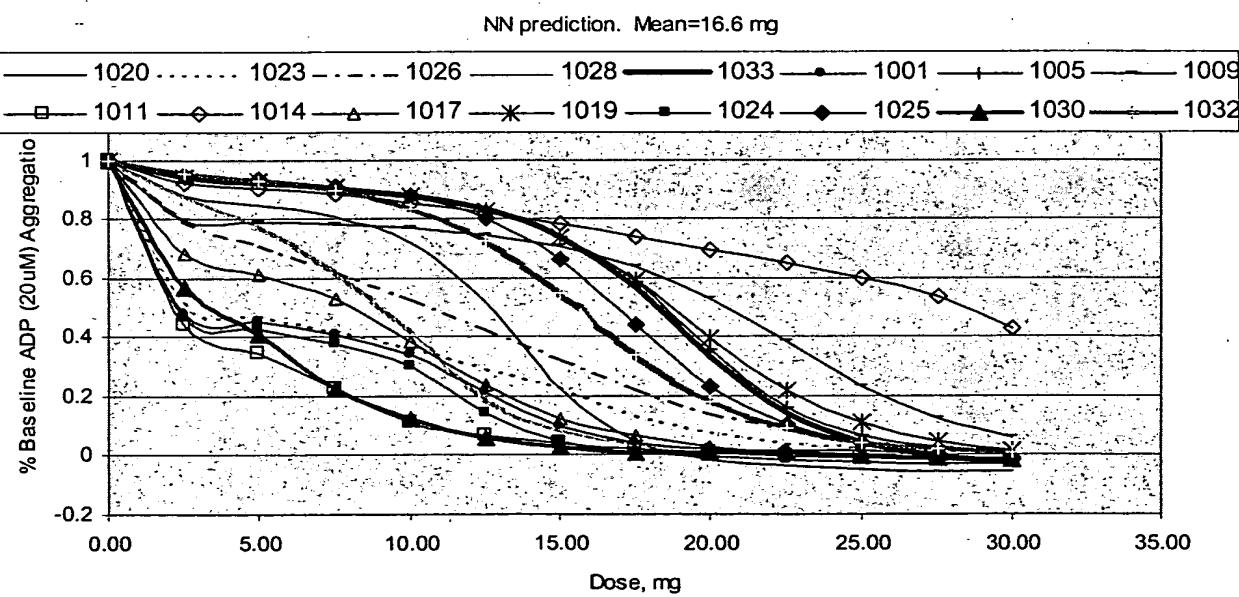


FIGURE 12

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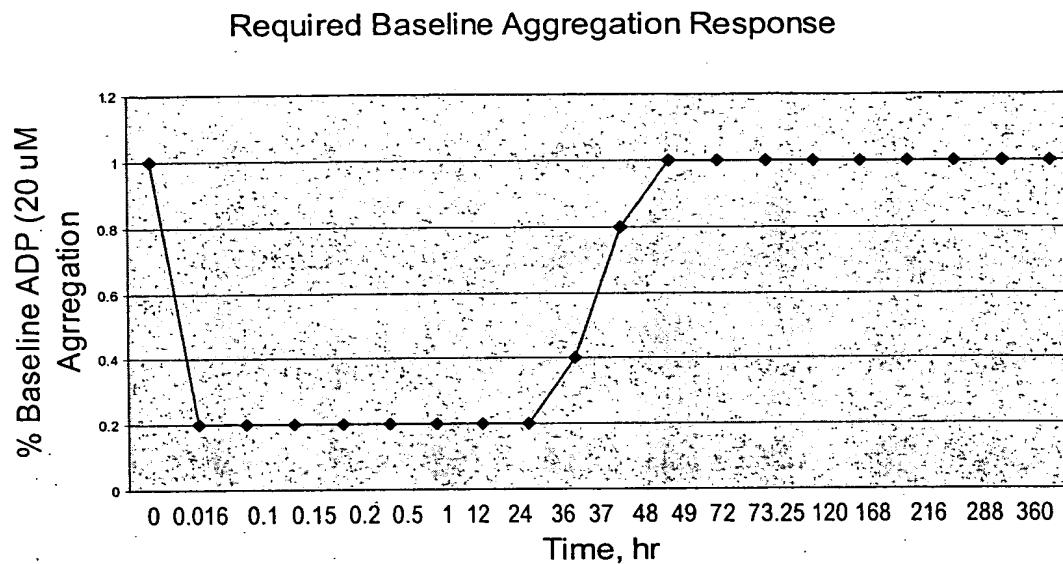


FIGURE 13

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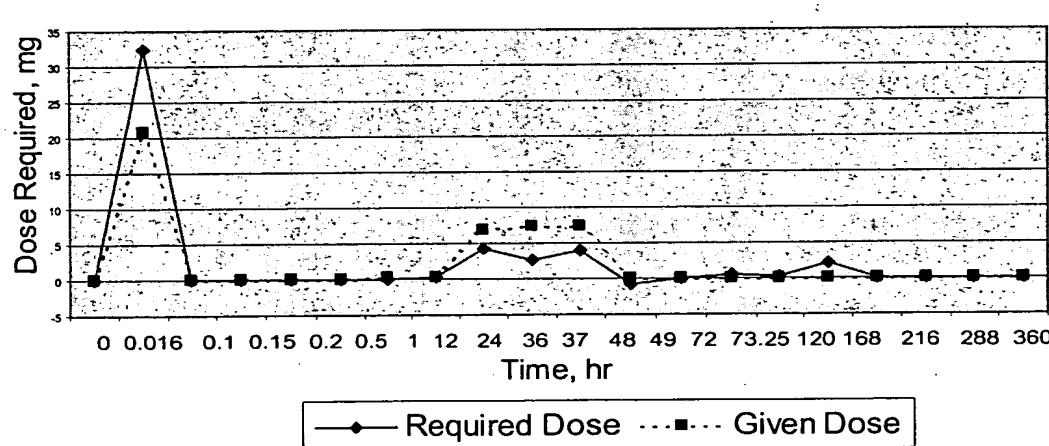


FIGURE 14

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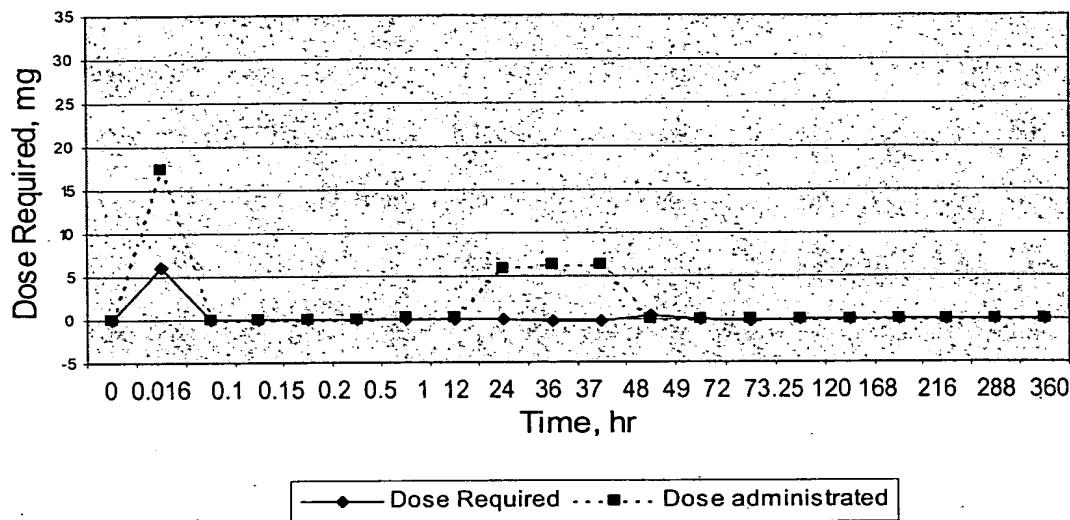


FIGURE 15

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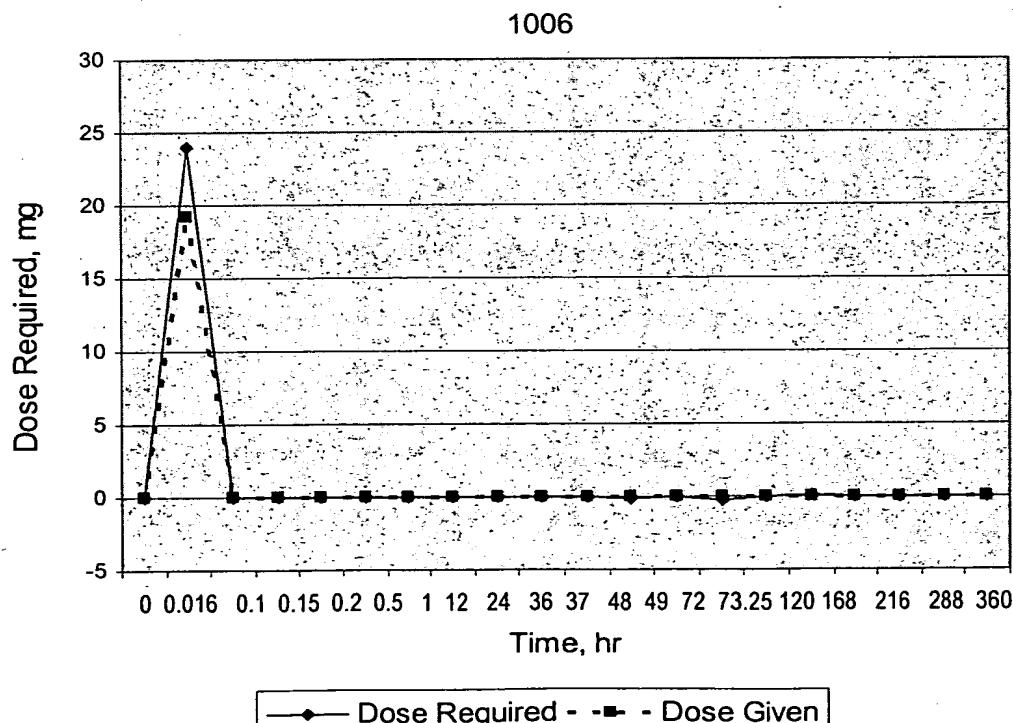


FIGURE 16

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NN Predicted

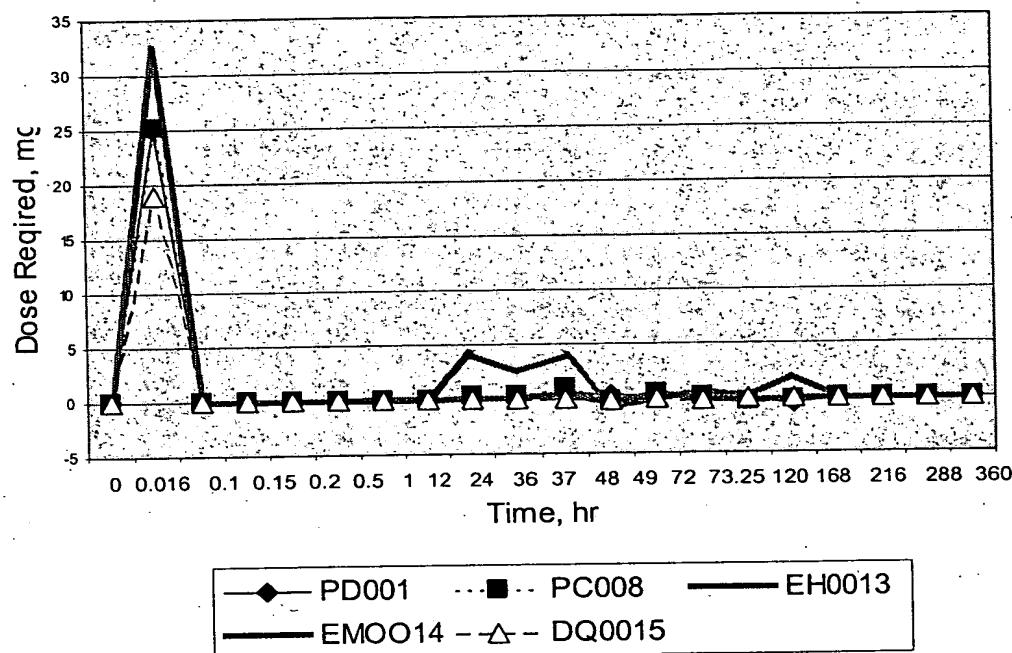


FIGURE 17

NN Predicted

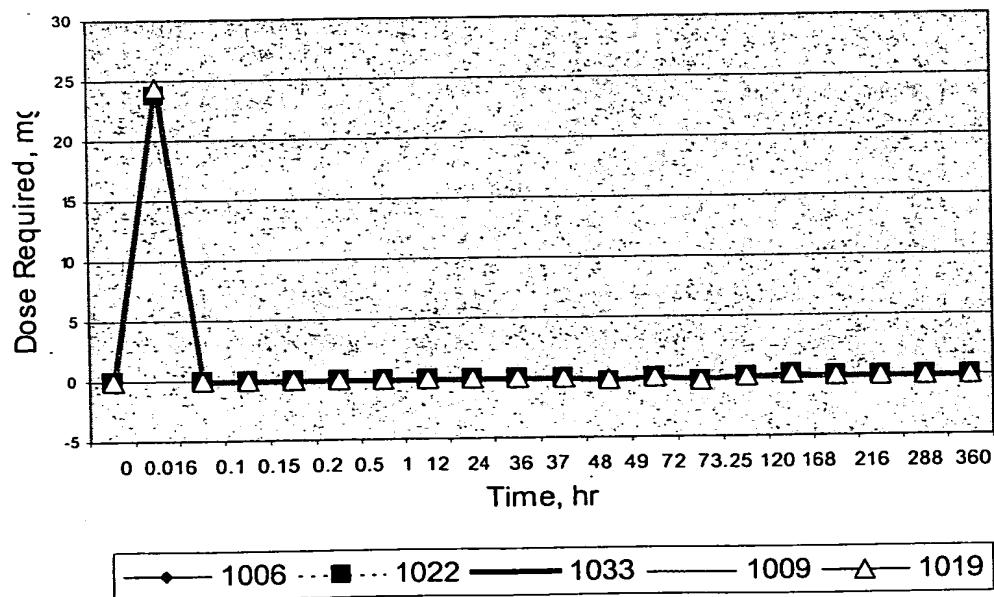


FIGURE 18

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Healthy NN Predicted

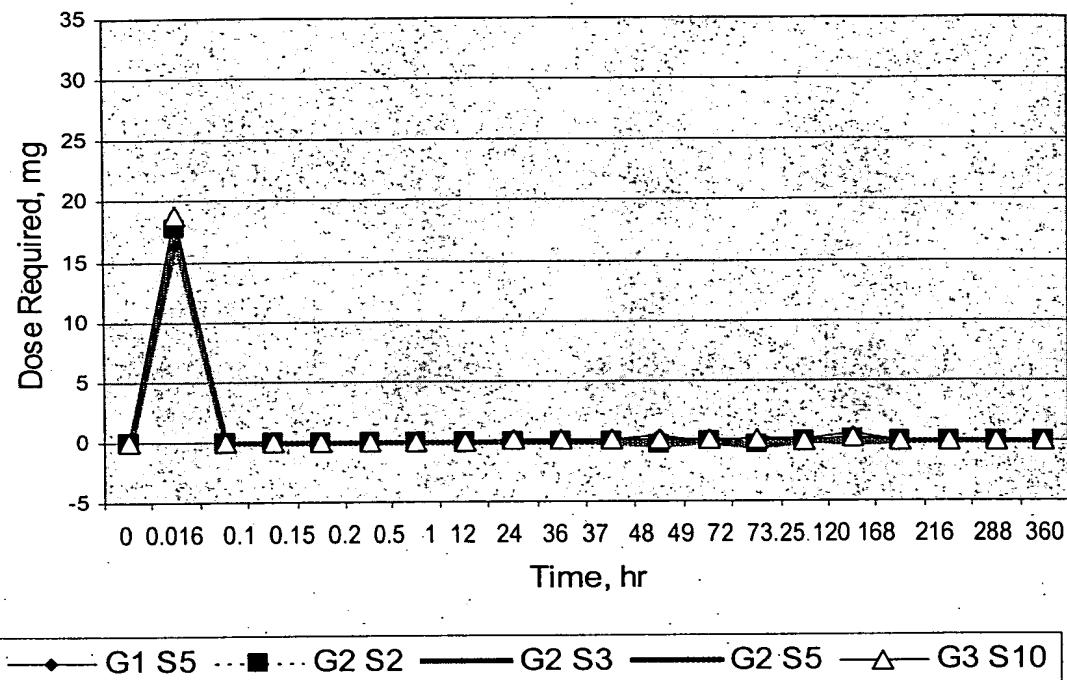


FIGURE 19

Required Baseline Aggregation Response

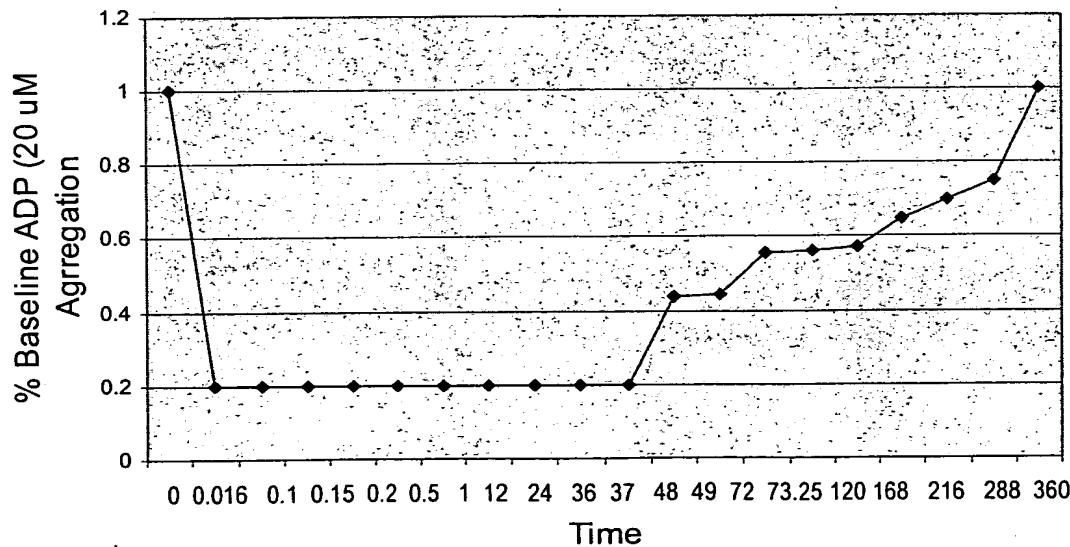


FIGURE 20

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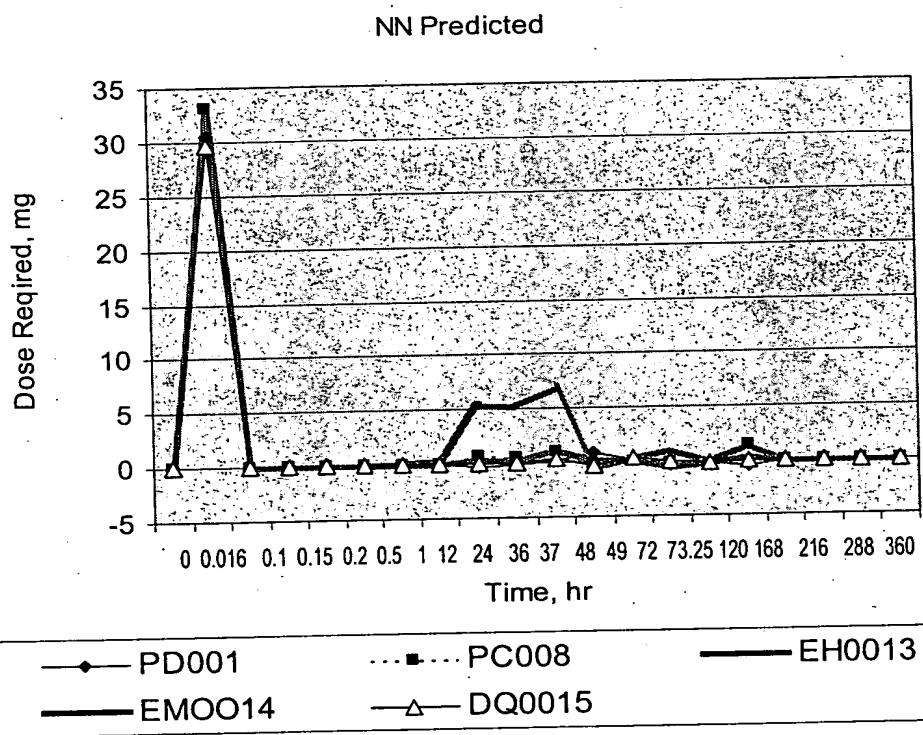


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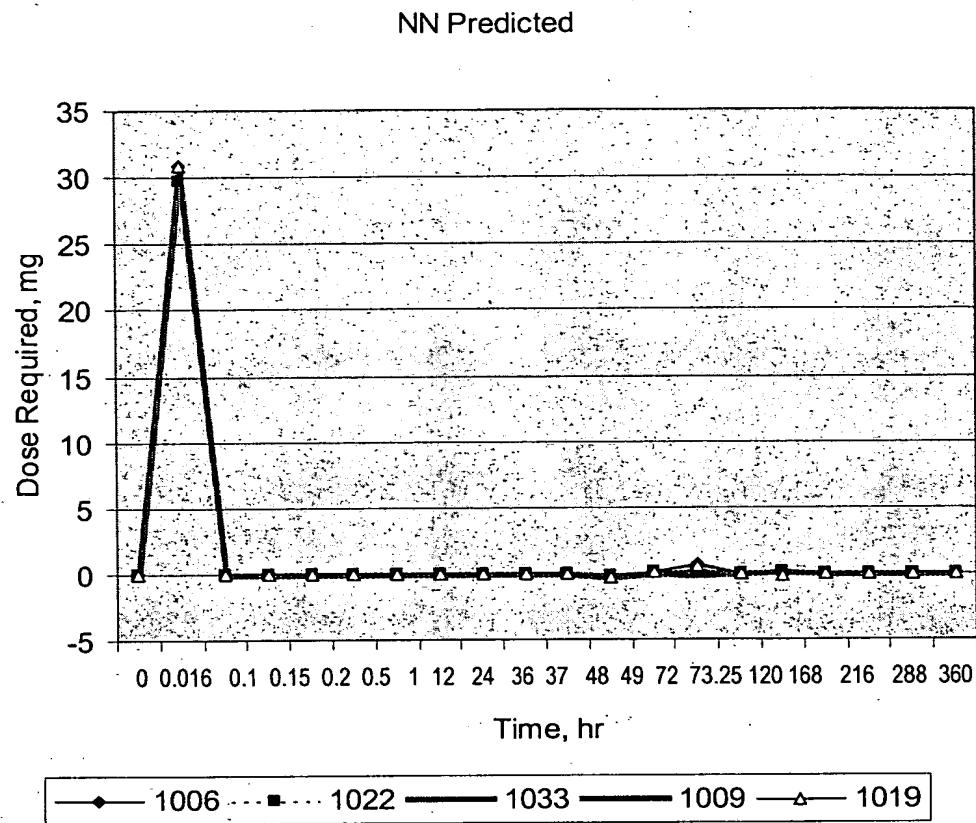


FIGURE 22

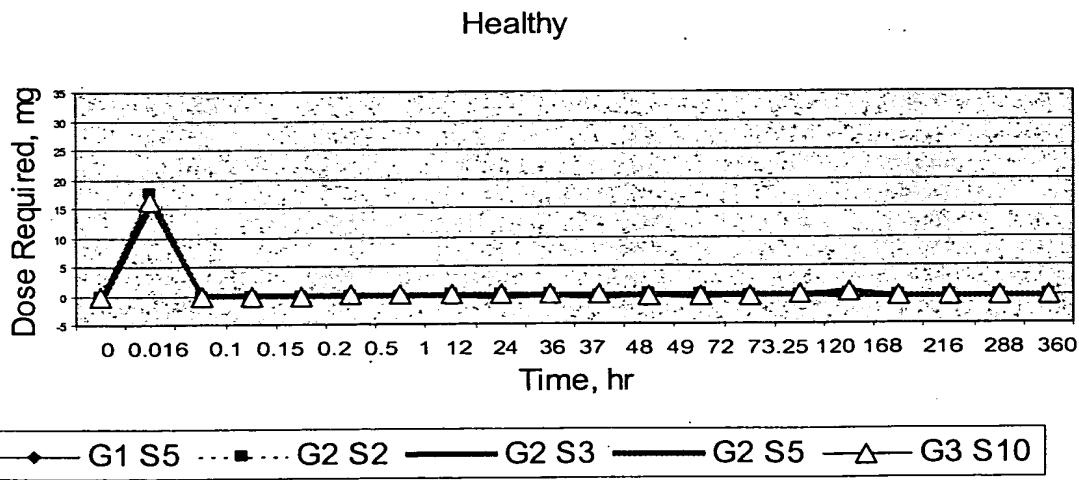


FIGURE 23

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